

JC557 U.S. PTO  
09/021410



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|-----|-------|----------|----------------------|
| 435 | Class | Subclass | ISSUE CLASSIFICATION |
|-----|-------|----------|----------------------|



PATENT NUMBER  
**6582903**



6582903

U.S. UTILITY PATENT APPLICATION

|                         |                            |
|-------------------------|----------------------------|
| O.I.P.E.<br>SC O.A. 211 | PATENT DATE<br>JUN 24 2003 |
|-------------------------|----------------------------|

|        |              |               |                  |                      |
|--------|--------------|---------------|------------------|----------------------|
| SECTOR | CLASS<br>435 | SUBCLASS<br>6 | ART UNIT<br>16-1 | EXAMINER<br>F. F. F. |
|--------|--------------|---------------|------------------|----------------------|

FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right, inside flap)

Certificate  
JUN 03 2006  
of Correction

PREPARED AND APPROVED FOR ISSUE

| ISSUING CLASSIFICATION       |   |   |          |          |                    |                                   |       |       |       |     |     |
|------------------------------|---|---|----------|----------|--------------------|-----------------------------------|-------|-------|-------|-----|-----|
| ORIGINAL                     |   |   |          |          | CROSS REFERENCE(S) |                                   |       |       |       |     |     |
| CLASS                        |   |   | SUBCLASS |          | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |       |       |       |     |     |
| 435                          |   |   | 6        |          | 356                | 36                                | 702   | 706   | 711   | 715 | 720 |
| INTERNATIONAL CLASSIFICATION |   |   |          |          | 356                | 775                               |       |       |       |     |     |
| G                            | 0 | 1 | N        | 33 / 543 | 422                | 55                                | 58    | 99    |       |     |     |
|                              |   |   |          | /        | 435                | 71                                | 287.1 | 287.2 | 287.7 | 208 |     |
|                              |   |   |          | /        | 436                | 517                               | 518   | 805   | 34    | 43  | 518 |
|                              |   |   |          | /        |                    |                                   |       |       |       |     |     |
|                              |   |   |          | /        |                    |                                   |       |       |       |     |     |
|                              |   |   |          | /        |                    |                                   |       |       |       |     |     |

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|   |   |                      |                 |  |                           |
|---|---|----------------------|-----------------|--|---------------------------|
| <input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>   | <b>DRAWINGS</b>   |                      |                 | <b>CLAIMS ALLOWED</b>                            |                           |
|   | Sheets Drwg.<br>32  | Figs. Drwg.<br>42 44 | Print Fig.<br>4 | Total Claims<br>115                              | Print Claim for O.G.<br>1 |
| <input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.                       | _____<br>(Assistant Examiner)   |                      |                 | <b>NOTICE OF ALLOWANCE MAILED</b><br><br>12/9/02 |                           |
| <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____ | CHRISTOPHER L. CHIN<br>PRIMARY EXAMINER<br>GROUP 1800 / 641<br><br>Christopher L. Chin 12/5/02<br>(Primary Examiner) (Date) |                      |                 | <b>ISSUE FEE</b> W                               |                           |
|   |   |                      |                 | Amount Due<br>1,280.00                           | Date Paid<br>3-5-03       |
| <input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.                                | _____<br>(Legal Instruments Examiner)   |                      |                 | 11/11/03<br>(Date)                               |                           |

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Form PTO-436A  
(Rev. 10/97)

(LABEL AREA)

(FACE)

ISSUE FEE IN FILE